

## Author index to volume 225

- Aaviksaar, A. see V. Tõugu 225 (1987) 77
- Adam, Z. and R. Malkin, Reconstitution of isolated Rieske Fe-S protein into a Rieske-depleted cytochrome *b<sub>6</sub>-f* complex 225 (1987) 67
- Akiyama, K., T. Nakamura, S. Iwanaga and M. Hara, The chymotrypsin-like activity of human prostate-specific antigen,  $\gamma$ -seminoprotein 225 (1987) 168
- Aktories, K. see J. Vandekerckhove 225 (1987) 48
- Allen, J.F. see R.S. Williams 225 (1987) 59
- Anderson, W.B. see R. Gopalakrishna 225 (1987) 233
- Angeletti, P.U. see P. Conti 225 (1987) 103
- Ariki, M., Y. Shichida and T. Yoshizawa, Low temperature spectrophotometry on the photoreaction cycle of sensory rhodopsin 225 (1987) 255
- Attfield, P.V., Trehalose accumulates in *Saccharomyces cerevisiae* during exposure to agents that induce heat shock response 225 (1987) 259
- Bärmann, M. see J. Vandekerckhove 225 (1987) 48
- Barone, S. see K.A. Jacobson 225 (1987) 97
- Bertrand, J. see J. Gardette 225 (1987) 178
- Bird, T.A., A.J.H. Gearing and J. Saklatvala, Murine interleukin-1 receptor: differences in binding properties between fibroblastic and thymoma cells and evidence for a two-chain receptor model 225 (1987) 21
- Bocchino, S.B., P.B. Wilson and J.H. Exton,  $\text{Ca}^{2+}$ -mobilizing hormones elicit phosphatidylethanol accumulation via phospholipase D activation 225 (1987) 201
- Bock, E., K. Edvardsen, A. Gibson, D. Linemann, J.M. Lyles and O. Nybroe, Characterization of soluble forms of NCAM 225 (1987) 33
- Bonassi, S. see A. De Ambrosis 225 (1987) 120
- Boscá, L. see P. Martín-Sanz 225 (1987) 37
- Brain, A.P.R. see R.S. Williams 225 (1987) 59
- Bretscher, A. see J. Krizek 225 (1987) 269
- Cancelli, A. see P. Conti 225 (1987) 103
- Carchman, R.A. see C.F. Strnad 225 (1987) 16
- Cascales, M. see P. Martín-Sanz 225 (1987) 37
- Cavieres, J.D., The molecular size required varies according to the reaction step round the sodium pump cycle 225 (1987) 145
- Chandrasekhar, B., Mrigank and V. Kothekar, On the possible mechanism of recognition of DNA base sequence by steroid hormones 225 (1987) 151
- Chang, W. see N.J. Philp 225 (1987) 127
- Chao, C.C.-K. and S. Lin-Chao, Loss of inducible photorepair in a frog cell line hypersensitive to solar UV light 225 (1987) 133
- Chen, H.Y. see R.C. Gorewit 225 (1987) 238
- Clayton, C.L. see B.W. Wren 225 (1987) 82
- Coluccio, L.M. see J. Krizek 225 (1987) 269
- Conti, P., M. Reale, A. Cancelli and P.U. Angeletti, Lipoxin A augments release of thromboxane from human polymorphonuclear leukocyte suspensions 225 (1987) 103
- Cox, B.S. see M.F. Tuite 225 (1987) 205
- Cragoe, jr, E.J. see L. Hunyady 225 (1987) 72
- Crielaard, W., M.G.L. Elferink, K.J. Hellingerwerf, W.N. Konings, J.F. Myatt and J.B. Jackson, Concurrent measurements of the inhibition of ATP synthesis and alanine transport in intact cells of *Rhodospirillum rubrum* 225 (1987) 6
- Curi, R. see B. Leighton 225 (1987) 93
- Czichos, J. see B. Ehlers 225 (1987) 53
- Daly, J.W. see K.A. Jacobson 225 (1987) 97
- Damante, G., S. Filetti and B. Rapoport, The functional activity of the rat c-Ha-ras promoter requires the coordinate involvement of multiple elements 225 (1987) 264
- Danson, M.J. see L.D. Smith 225 (1987) 277
- Davidson, J.S. see C.E. Smith 225 (1987) 247
- Davies, G.J. see J.A. Littlechild 225 (1987) 123
- De Ambrosis, A., N. Ferrari, S. Bonassi and G. Vidali, Nucleosomal repeat length in active and inactive genes 225 (1987) 120
- Delain, E. see J. Dexpert 225 (1987) 223
- Dexpert, J., E. Delain, B. Piriou and F. Pochon, The covalent and non-covalent binding modes of elastase with  $\alpha_2$ -macroglobulin influence the conformation of the protease 225 (1987) 223
- Dobson, C.M. and L.-Y. Lian, A  $^{31}\text{P}$  MAS NMR study of cytidine 2'-phosphate bound to ribonuclease A in the crystalline state 225 (1987) 183
- Edvardsen, K. see E. Bock 225 (1987) 33
- Ehlers, B., J. Czichos and P. Overath, Repression and reactivation of the variant surface glycoprotein gene in *Trypanosoma brucei* 225 (1987) 53
- Elferink, M.G.L. see W. Crielaard 225 (1987) 6
- Ellis, R.J. see R.S. Williams 225 (1987) 59
- Exton, J.H. see S.B. Bocchino 225 (1987) 201
- Ferrari, N. see A. De Ambrosis 225 (1987) 120
- Filetti, S. see G. Damante 225 (1987) 264
- Forssmann, W.G. see M. Gagelmann 225 (1987) 251
- Frère, J.-M. see L. Varetto 225 (1987) 218
- Gagelmann, M., D. Hock and W.G. Forssmann, Relaxation of smooth muscle by cardiolatin/atrial natriuretic peptide is inhibited by cAMP-dependent phosphorylation 225 (1987) 251
- Gamblin, S.J. see J.A. Littlechild 225 (1987) 123

- Gardette, J., D. Margelin, J.C. Maziere, J. Bertrand and J. Picard, Effect of dibutyl cAMP and theophylline on lipoprotein lipase secretion by human monocyte-derived macrophages 225 (1987) 178
- Gárdos, G. see L. Hunyady 225 (1987) 72
- Gausung, K. see P.S. Nielsen 225 (1987) 159
- Gearing, A.J.H. see T.A. Bird 225 (1987) 21
- Ghuysen, J.-M. see L. Varetto 225 (1987) 218
- Gibson, A. see E. Bock 225 (1987) 33
- Gilkes, N.R. see M.L. Langsford 225 (1987) 163
- Gopalakrishna, R. and W.B. Anderson, Susceptibility of protein kinase C to oxidative inactivation: loss of both phosphotransferase activity and phorbol diester binding 225 (1987) 233
- Gorewit, R.C., H.Y. Chen and J.J. Kopchick, Growth hormone gene expression in myo-epithelial cells directed by various eucaryotic transcriptional regulatory sequences 225 (1987) 238
- Grimm, R., F. Lottspeich and W. Rüdiger, Heterogeneity of the amino acid sequence of phytochrome from etiolated oat seedlings 225 (1987) 215
- Gritsan, N.P. see D.G. Sushkov 225 (1987) 139
- Haka-Risku, T. see R. Soininen 225 (1987) 188
- Hara, M. see K. Akiyama 225 (1987) 168
- Harada, N. see M. Ohshima 225 (1987) 243
- Hartmann, B., J. Ramstein and M. Leng, Slow exchanging protons in the Z-form of G-C and A-C alternating polymers by using a rapid dialysis method 225 (1987) 11
- Hellingwerf, K.J. see W. Crielaard 225 (1987) 6
- Hock, D. see M. Gagelmann 225 (1987) 251
- Horii, A. see N. Tomita 225 (1987) 113
- Hough, D.W. see L.D. Smith 225 (1987) 277
- Hunyady, L., B. Sarkadi, E.J. Cragoe, jr, A. Spät and G. Gárdos, Activation of sodium-proton exchange is not a prerequisite for  $\text{Ca}^{2+}$  mobilization and aggregation in human platelets 225 (1987) 72
- Hussein, A. see B. Leighton 225 (1987) 93
- Ikezawa, H. see R. Taguchi 225 (1987) 273
- Iwanaga, S. see K. Akiyama 225 (1987) 168
- Jackson, J.B. see W. Crielaard 225 (1987) 6
- Jacobson, K.A., J. Zimmet, R. Schulick, S. Barone, J.W. Daly and K.L. Kirk, Adenosine analogs with covalently attached lipids have enhanced potency at  $\text{A}_1$ -adenosine receptors 225 (1987) 97
- Jordan, P.M. and M.J. Warren, Evidence for a dipyrromethane cofactor at the catalytic site of *E. coli* porphobilinogen deaminase 225 (1987) 87
- Kano-Murakami, Y. see M. Ohshima 225 (1987) 243
- Kato, A. see M. Ohshima 225 (1987) 243
- Kawamura, M. see S. Noguchi 225 (1987) 27
- Kawase, M. see R. Taguchi 225 (1987) 273
- Kesvatera, T. see V. Tóugu 225 (1987) 77
- Kilburn, D.G. see M.L. Langsford 225 (1987) 163
- King, J.A. see C.E. Smith 225 (1987) 247
- Kirk, K.L. see K.A. Jacobson 225 (1987) 97
- Kitagawa, H. see A. Yamaguchi 225 (1987) 228
- Koide, T. see R. Yamagishi 225 (1987) 109
- Konings, W.N. see W. Crielaard 225 (1987) 6
- Kopchick, J.J. see R.C. Gorewit 225 (1987) 238
- Kothekar, V. see B. Chandrasekhar 225 (1987) 151
- Krizek, J., L.M. Coluccio and A. Bretscher, ATPase activity of the microvillar 110 kDa polypeptide-calmodulin complex is activated in  $\text{Mg}^{2+}$  and inhibited in  $\text{K}^+$ -EDTA by F-actin 225 (1987) 269
- Langsford, M.L., N.R. Gilkes, B. Singh, B. Moser, R.C. Miller, jr, R.A.J. Warren and D.G. Kilburn, Glycosylation of bacterial cellulases prevents proteolytic cleavage between functional domains 225 (1987) 163
- Leighton, B., R. Curi, A. Hussein and E.A. Newsholme, Maximum activities of some key enzymes of glycolysis, glutaminolysis, Krebs cycle and fatty acid utilization in bovine pulmonary endothelial cells 225 (1987) 93
- Leng, M. see B. Hartmann 225 (1987) 11
- Lian, L.-Y. see C.M. Dobson 225 (1987) 183
- Lin-Chao, S. see C.C.-K. Chao 225 (1987) 133
- Linnemann, D. see E. Bock 225 (1987) 33
- Littlechild, J.A., G.J. Davies, S.J. Gamblin and H.C. Watson, Phosphoglycerate kinase from the extreme thermophile *Thermus thermophilus*: Crystallization and preliminary X-ray data 225 (1987) 123
- Long, K. see N.J. Philp 225 (1987) 127
- Lottspeich, F. see R. Grimm 225 (1987) 215
- Lyles, J.M. see E. Bock 225 (1987) 33
- Malkin, R. see Z. Adam 225 (1987) 67
- Margelin, D. see J. Gardette 225 (1987) 178
- Martin-Sanz, P., M. Cascales and L. Bosca, Fructose 2,6-bisphosphate in isolated foetal hepatocytes 225 (1987) 37
- Matsubara, K. see N. Tomita 225 (1987) 113
- Matsuoka, M. see M. Ohshima 225 (1987) 243
- Maziere, J.C. see J. Gardette 225 (1987) 178
- McLaughlin, C.S. see M.F. Tuite 225 (1987) 205
- Millar, R.P. see C.E. Smith 225 (1987) 247
- Miller, jr, R.C. see M.L. Langsford 225 (1987) 163
- Mishina, M. see S. Noguchi 225 (1987) 27
- Mori, T. see N. Tomita 225 (1987) 113
- Moser, B. see M.L. Langsford 225 (1987) 163
- Mrigank, see B. Chandrasekhar 225 (1987) 151
- Mullany, P.P. see B.W. Wren 225 (1987) 82
- Myatt, J.F. see W. Crielaard 225 (1987) 6
- Nakamura, T. see K. Akiyama 225 (1987) 168
- Naor, Z. see C.E. Smith 225 (1987) 247
- Newsholme, E.A. see B. Leighton 225 (1987) 93
- Nielsen, P.S. and K. Gausung, The precursor of barley plastocyanin: Sequence of cDNA clones and gene expression in different tissues 225 (1987) 159

- Noguchi, S., M. Mishina, M. Kawamura and S. Numa, Expression of functional (Na<sup>+</sup> + K<sup>+</sup>)-ATPase from cloned cDNAs 225 (1987) 27
- Numa, S. see S. Noguchi 225 (1987) 27
- Nybroe, O. see E. Bock 225 (1987) 33
- Ogawa, M. see N. Tomita 225 (1987) 113
- O'Hare, M.M.T. see T.W. Schwartz 225 (1987) 209
- Ohashi, Y. see M. Ohshima 225 (1987) 243
- Ohshima, M., M. Matsuoka, N. Yamamoto, Y. Tanaka, Y. Kano-Murakami, Y. Ozeki, A. Kato, N. Harada and Y. Ohashi, Nucleotide sequence of the PR-1 gene of *Nicotiana tabacum* 225 (1987) 243
- Overath, P. see B. Ehlers 225 (1987) 53
- Ozeki, Y. see M. Ohshima 225 (1987) 243
- Pedak, A. see V. Tóugu 225 (1987) 77
- Peterajová, E. see Ľ. Varečka 225 (1987) 173
- Philp, N.J., W. Chang and K. Long, Light-stimulated protein movement in rod photoreceptor cells of the rat retina 225 (1987) 127
- Picard, J. see J. Gardette 225 (1987) 178
- Piriou, B. see J. Dexpert 225 (1987) 223
- Pochon, F. see J. Dexpert 225 (1987) 223
- Pogády, J. see Ľ. Varečka 225 (1987) 173
- Portugal, J. and M.J. Waring, Hydroxyl radical footprinting of the sequence-selective binding of netropsin and distamycin to DNA 225 (1987) 195
- Prockop, D.J. see R. Soininen 225 (1987) 188
- Ramstein, J. see B. Hartmann 225 (1987) 11
- Rapoport, B. see G. Damante 225 (1987) 264
- Reale, M. see P. Conti 225 (1987) 103
- Rüdiger, W. see R. Grimm 225 (1987) 215
- Saklatvala, J. see T.A. Bird 225 (1987) 21
- Sakuragawa, N. see R. Yamagishi 225 (1987) 109
- Sarkadi, B. see L. Hunyady 225 (1987) 72
- Schering, B. see J. Vandekerckhove 225 (1987) 48
- Schulick, R. see K.A. Jacobson 225 (1987) 97
- Schwartz, T.W., S.P. Sheikh and M.M.T. O'Hare, Receptors on phaeochromocytoma cells for two members of the PP-fold family - NPY and PP 225 (1987) 209
- Sheikh, S.P. see T.W. Schwartz 225 (1987) 209
- Shichida, Y. see M. Ariki 225 (1987) 255
- Shimizu, Y. see N. Takasu 225 (1987) 43
- Singh, B. see M.L. Langsford 225 (1987) 163
- Skulachev, V.P., Energy transduction by the photosynthetic reaction center complex from *Rhodospseudomonas viridis* 225 (1987) 1
- Smith, C.E., I. Wakefield, J.A. King, Z. Naor, R.P. Millar and J.S. Davidson, The initial phase of GnRH-stimulated LH release from pituitary cells is independent of calcium entry through voltage-gated channels 225 (1987) 247
- Smith, L.D., K.J. Stevenson, D.W. Hough and M.J. Danson, Citrate synthase from the thermophilic archaebacteria *Thermoplasma acidophilum* and *Sulfolobus acidocaldarius* 225 (1987) 277
- Soininen, R., T. Haka-Risku, D.J. Prockop and K. Tryggvason, Complete primary structure of the  $\alpha_1$ -chain of human basement membrane (type IV) collagen 225 (1987) 188
- Spät, A. see L. Hunyady 225 (1987) 72
- Stevenson, K.J. see L.D. Smith 225 (1987) 277
- Strnad, C.F. and R.A. Carchman, Human T lymphocyte mitogenesis in response to the B oligomer of pertussis toxin is associated with an early elevation in cytosolic calcium concentrations 225 (1987) 16
- Sushkov, D.G., N.P. Gritsan and L.M. Weiner, Generation of OH radical during enzymatic reduction of 9,10-anthraquinone-2-sulphonate: Can semiquinone decompose hydrogen peroxide? 225 (1987) 139
- Tabaqchali, S. see B.W. Wren 225 (1987) 82
- Taguchi, R., M. Kawase and H. Ikezawa, Determination of covalently bound *myo*-inositol in bovine erythrocyte acetylcholinesterase and porcine kidney alkaline phosphatase 225 (1987) 273
- Takasu, N., T. Yamada and Y. Shimizu, Epidermal growth factor (EGF), tumor promoter 12-*O*-tetradecanoylphorbol 13-acetate (TPA) and calcium ionophore A23187 increase cytoplasmic free calcium and stimulate arachidonic acid release and PGE<sub>2</sub>/6-keto PGF<sub>1 $\alpha$</sub>  production in cultured porcine thyroid cells 225 (1987) 43
- Tanaka, Y. see M. Ohshima 225 (1987) 243
- Tanoue, K. see A. Yamaguchi 225 (1987) 228
- Tomita, N., A. Horii, T. Yamamoto, M. Ogawa, T. Mori and K. Matsubara, Expression of pancreatic secretory trypsin inhibitor gene in neoplastic tissues 225 (1987) 113
- Tóugu, V., A. Pedak, T. Kesvatera and A. Aaviksaar, Acetylcholinesterase as polyelectrolyte in reaction with cationic substrates 225 (1987) 77
- Tryggvason, K. see R. Soininen 225 (1987) 188
- Tuite, M.F., B.S. Cox and C.S. McLaughlin, A ribosome-associated inhibitor of in vitro nonsense suppression in [*psi*<sup>-</sup>] strains of yeast 225 (1987) 205
- Vandekerckhove, J., B. Schering, M. Bärman and K. Aktories, *Clostridium perfringens* iota toxin ADP-ribosylates skeletal muscle actin in Arg-177 225 (1987) 48
- Varečka, Ľ., E. Peterajová and J. Pogády, Polymyxin B, a novel inhibitor of red cell Ca<sup>2+</sup>-activated K<sup>+</sup> channel 225 (1987) 173
- Varetto, L., J.-M. Frère and J.-M. Ghuysen, The importance of the negative charge of  $\beta$ -lactam compounds for the inactivation of the active-site serine DD-peptidase of *Streptomyces* R61 225 (1987) 218
- Vidali, G. see A. De Ambrosio 225 (1987) 120
- Wakefield, I. see C.E. Smith 225 (1987) 247
- Waring, M.J. see J. Portugal 225 (1987) 195

Warren, M.J. see P.M. Jordan	225 (1987) 87	Yamagishi, R., T. Koide and N. Sakuragawa, Binding of heparin or dermatan sulfate to thrombin is essential for the sulfated polysac- charide-accelerated inhibition of thrombin by heparin cofactor II	225 (1987) 109
Warren, R.A.J. see M.L. Langsford	225 (1987) 163	Yamaguchi, A., N. Yamamoto, H. Kitagawa, K. Tanoue and H. Yamazaki, $Ca^{2+}$ influx mediated through the GPIIb/IIIa complex during platelet activation	225 (1987) 228
Watson, H.C. see J.A. Littlechild	225 (1987) 123	Yamamoto, N. see A. Yamaguchi	225 (1987) 228
Weiner, L.M. see D.G. Sushkov	225 (1987) 139	Yamamoto, N. see M. Ohshima	225 (1987) 243
Williams, R.S., J.F. Allen, A.P.R. Brain and R.J. Ellis, Effect of $Mg^{2+}$ on excitation ener- gy transfer between LHC II and LHC I in a chlorophyll-protein complex	225 (1987) 59	Yamamoto, T. see N. Tomita	225 (1987) 113
Wilson, P.B. see S.B. Bocckino	225 (1987) 201	Yamazaki, H. see A. Yamaguchi	225 (1987) 228
Wren, B.W., C.L. Clayton, P.P. Mullany and S. Tabaqchali, Molecular cloning and ex- pression of <i>Clostridium difficile</i> toxin A in <i>Escherichia coli</i> K12	225 (1987) 82	Yoshizawa, T. see M. Arika	225 (1987) 255
Yamada, T. see N. Takasu	225 (1987) 43	Zimmet, J. see K.A. Jacobson	225 (1987) 97